

Title (en)  
Apparatus for separating and delivering plasma

Title (de)  
Vorrichtung zur Separierung und Ausgabe von Plasma

Title (fr)  
Dispositif de separation et livraison du plasma

Publication  
**EP 1421993 B1 20070221 (DE)**

Application  
**EP 03025228 A 20031105**

Priority  
DE 10252223 A 20021111

Abstract (en)  
[origin: EP1421993A1] System to separate and deliver plasma in micro liter quantities comprises separation unit (1) with two zones. System to separate and deliver plasma in micro liter quantities comprises separation unit (1) with two zones. Blood drop(s) (5) are applied to zone (3) which acts as filter to retain corpuscular blood components. Plasma is released to disperse into carrier zone (2) of nonwoven material strip, e.g. of glass fibers, where plasma can be pressed out. Any corpuscular blood components which pass out of filter zone are blocked by transit (6) into carrier zone.

IPC 8 full level  
**B01L 3/00** (2006.01); **G01N 33/48** (2006.01); **B01D 39/08** (2006.01); **B01D 39/20** (2006.01); **G01N 1/10** (2006.01); **G01N 1/28** (2006.01); **G01N 33/49** (2006.01); **B01L 9/00** (2006.01)

CPC (source: EP US)  
**B01L 3/5023** (2013.01 - EP US); **G01N 33/491** (2013.01 - EP US); **B01L 9/52** (2013.01 - EP US); **B01L 2300/0681** (2013.01 - EP US); **B01L 2300/0825** (2013.01 - EP US); **B01L 2400/0406** (2013.01 - EP US); **B01L 2400/0481** (2013.01 - EP US); **Y10T 436/25375** (2015.01 - EP US); **Y10T 436/255** (2015.01 - EP US); **Y10T 436/2575** (2015.01 - EP US)

Cited by  
WO2012062651A1; WO2012127050A2; US8470259B2; WO2009109997A1

Designated contracting state (EPC)  
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